# 300-515 Q&As

Implementing Cisco Service Provider VPN Services (SVPI)

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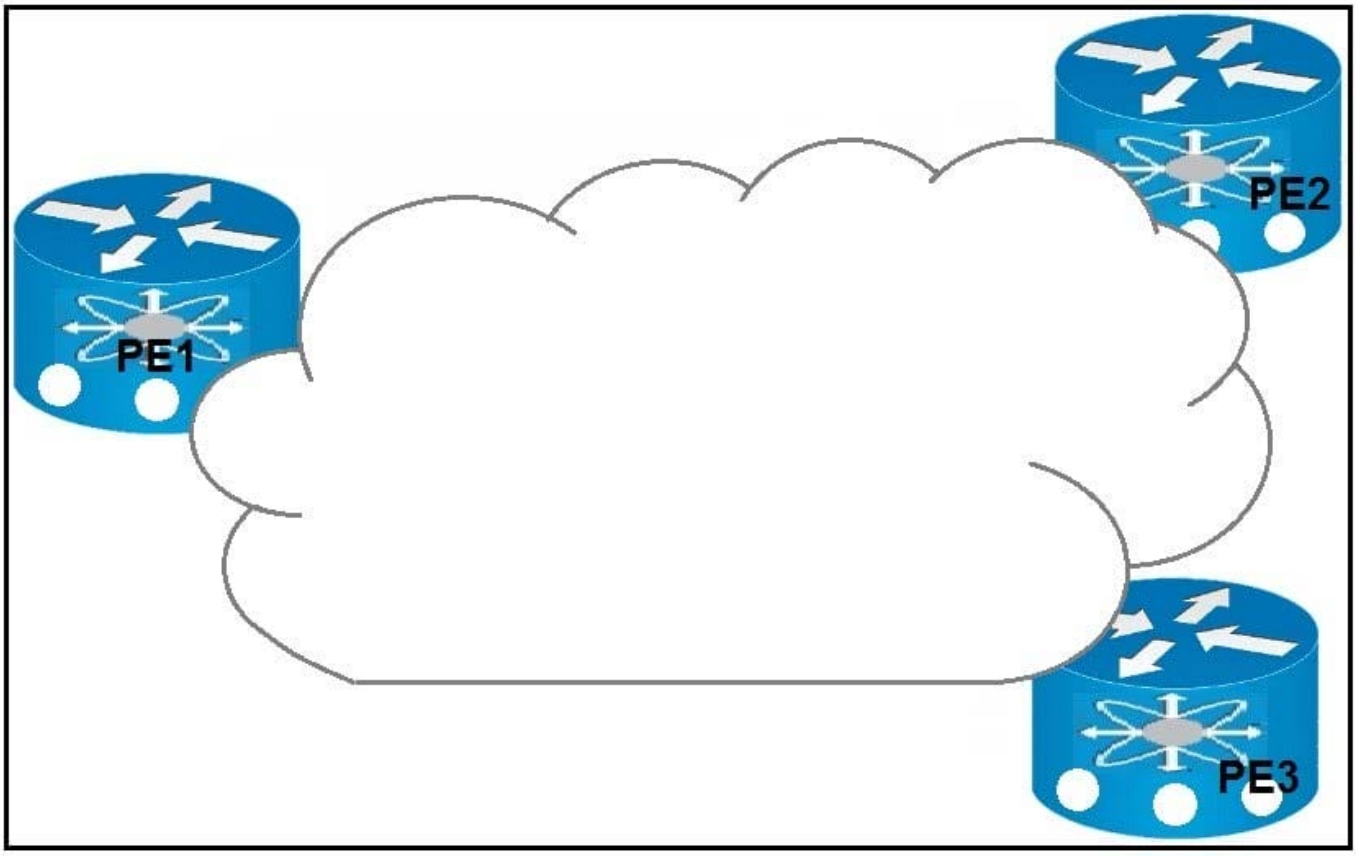
**QUESTION 1**




Refer to the exhibit. Which result occurs when PE1 learns a new MAC address and all three PEs are enabled with EVPN native?

A. A system notification is sent to the network administrator that triggers the manual configuration of the new MAC address on PE2 and PE3.

B. The new MAC address is sent by BGP to PE2 and PE3 as a Type 2 BGP route.

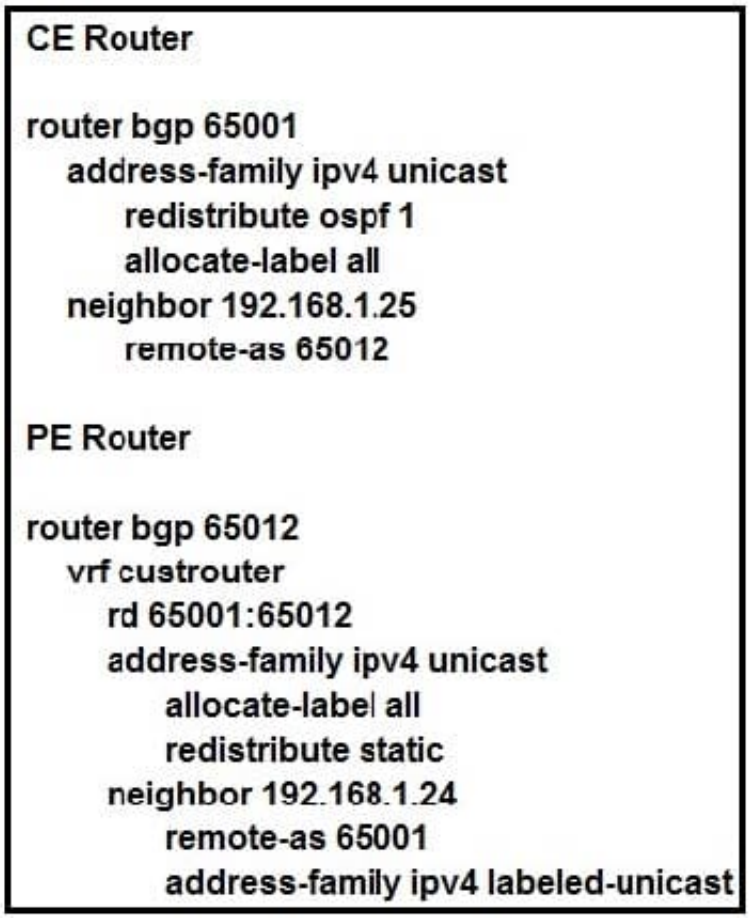
C. The MAC address is entered into the CAM table and is classified for use on the native VLAN

D. The MAC address is entered into the CAM table only if it is learned on the native VLAN.

Correct Answer: B

Reference: https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r6-4/lxvpn/configuration/guide/b-l2vpn-cg-asr9000-64x/b-l2vpn-cg-asr9000-64x_chapter_01011.html

**QUESTION 2**




Refer to the exhibit. The CE router has established a BGP peering with the PE router, and the CE will use the core infrastructure of the PE as a backbone carrier to support CSC. Which additional task can you perform to complete the configuration?

A. Configure static routing on the CE router.

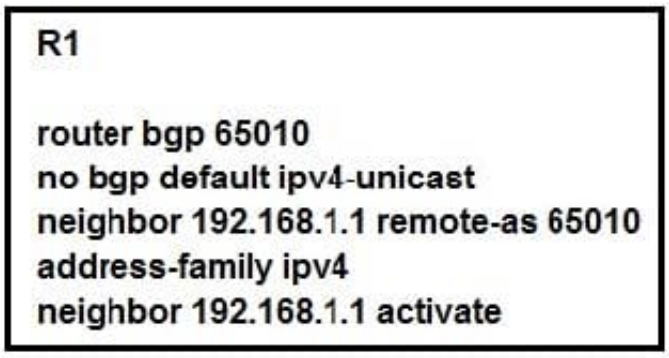
B. Configure the address-family ipv4 labeled-unicast command under the neighbor configuration of the CE router for the PE.

C. Change the rd value to 65001:65001 under the VRF section of the PE router.

D. Configure OSPF on the PE router.

Correct Answer: D

**QUESTION 3**




Refer to the exhibit. Which statement describes the result of this BGP configuration?

A. R1 operates using IPv4 and VPNv4 address families.

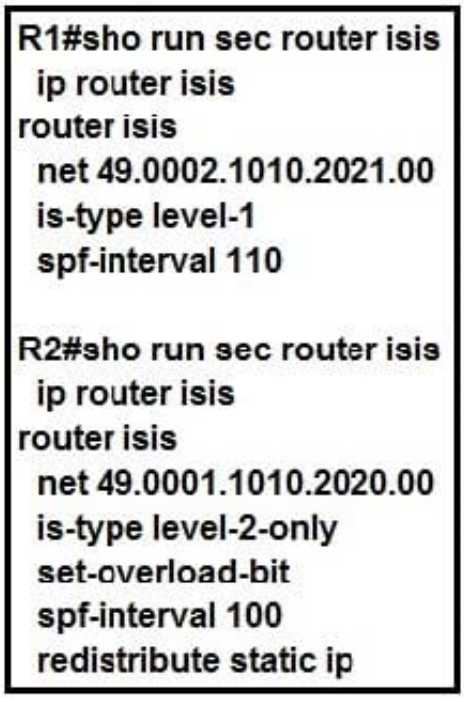
B. R1 operates on IPv6 only because the bgp default ipv4-unicast command is missing.

C. R1 establishes a VPNv4 eBGP relationship with neighbor 192.168.1.1.

D. R1 establishes an iBGP relationship with peer 192.168.1.1.

Correct Answer: D

**QUESTION 4**




Refer to the exhibit. A technician is troubleshooting a connectivity issue and notices that there is no IS-IS adjacency between R1 and R2. What can the technician change to bring the IS-IS adjacency up?

A. Change R2\\'s net address to be in the same area as R1.

B. Change R1\\'s is-type to level-2-only

C. Change R1\\'s net address to be in the same area as R2.

D. Change R2\\'s configuration to no longer set the overload bit.

Correct Answer: B

**QUESTION 5**

An engineer noticed that PE3 is failing to accept IPv6 traffic information from PE1 The engineer confirmed that both PE3 and PE1 routers are configured accurately with IPv6 protocol To eliminate IPv6 traffic loss issue, which action must the engineer take to solve the problem?

A. Disable 6PVE that provides local IPv6 reachability over MPLS.

B. Configure 6PE that provides global IPv6 reachability over IPv4 MPLS

C. Allow PE routers use the MP-iBGP extensions in the IPv6 network configuration to exchange IPv6 reachability information.

D. Configure 6PE forwarding between 6PE routers based on the IPv6 header

Correct Answer: B